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(099)048-99-03
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ICQ:613-211-859

User's Manual

Car speakers Vibe BlackAir 69 v1

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VIBE®
Vented Innovative Bass Enclosures

black air

SPEAKERS

Instruction Manual

To ensure maximum performance and safety, please follow this manual. Please retain the manual for future reference after installation

Model: BlackAir 5, 6 & 69

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OWNERS MANUAL

Model: BlackAir 5, 6 & 69

Congratulations on purchasing your BlackAir speakers, please read this manual in order to fully understand how to get the best results from your speakers and ensure that all advice on how to look after your speakers is followed.

Thank you for buying VIBE, we hope you enjoy listening to your product as much as we enjoyed creating it.

VIBE R&D Division

Introduction

This instruction manual is for your safety and must be adhered to at all times. Please read and ensure that you fully understand the installation and set up procedures as explained and if you are unclear on the installation or set up of your VIBE BlackAir Series speakers please contact your nearest authorised VIBE dealer.

WARNING

DO NOT EXPOSE THIS PRODUCT TO DAMP OR MOISTURE - doing so may result in fire, shock or damage to the product.
BEFORE WIRING DISCONNECT THE CABLE FROM THE POSITIVE BATTERY TERMINAL - failure to do so may result in electric shock or injury.
ENSURE GOOD AND CORRECT CONNECTIONS - failure to make the correct connections may result in fire or damage to the product.
DO NOT USE FUNCTIONS OF THIS EQUIPMENT THAT MAY TAKE YOUR CONCENTRATION AWAY FROM DRIVING YOUR VEHICLE - do not set up your amplifier whilst driving, doing so may result in an accident. For set up, make sure that your vehicle is stationary and in a safe location.
KEEP THE VOLUME AT A LEVEL SO YOU CAN STILL HEAR OUTSIDE NOISE - failure to do this may result in an accident. VIBE equipment is capable of producing sound levels that can permanently damage your hearing. VIBE recommends caution when listening at high volume. For safe and enjoyable listening the sound should be comfortable and clear without distortion.

CAUTION

Never connect any speaker lead to the car chassis. This can cause severe damage to your speaker /car radio /amplifier.
Before drilling or cutting any holes, investigate the layout of your vehicle thoroughly.
Use caution when working near the fuel / hydraulic lines and electrical wiring.
Observe the correct polarity when wiring, improper phasing may cause a loss of bass response.
Ensure that no moving parts catch on the speaker or grill (e.g. window or door handles, or window glass inside the door)

Installation

The quality of the installation will affect the system performance and reliability.
Contact your nearest authorised VIBE dealer if you are unsure on the installation of this product.
Please mount this unit away from any potential hazards.
Minimising the length of wires will provide higher audio output from the system.
The speaker should be securely fastened to the mounting position using the screws provided.
Pre drill your mounting holes using a drill and position with the template provided.
Be sure to investigate your mounting area thoroughly for electrical wires, brake or fuel lines or fuel tank to prevent causing any damage.

Firstly make sure that the speakers will fit in your chosen location. This may involve the removal of the standard vehicle speakers. Please use the mounting depth and hole cut dimensions as detailed in this manual for guidance.

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Surface mount tweeter installation.
Locate a suitable position for the tweeter. Many positions will provide good sound quality. For optimum staging, position tweeter higher than woofer but within 5" to 10" of the woofer.

Carefully unscrew the tweeter casing and remove the tweeter.

Using the base of the casing mark the two mounting holes and a hole for passing the wire through.

Cut out these holes.

Pass the tweeter cable through the bottom of the case and into the previously drilled holes.

Securely fix the base of the tweeter in place using the screws provided.

Select whether the standard casing or the slightly angled casing is to be used and carefully screw the tweeter casing back together, ensuring that no cable gets trapped.

The tweeter direction should then be adjusted so that the tweeter is focused towards the listener.

Flush mount tweeter installation
Locate a suitable position for the tweeter. Many positions will provide good sound quality. For optimum staging, position tweeter higher than woofer but within 5 to 10" of the woofer.

Use the cut out template and mark and cut out the hole for the tweeter to sit into.

Place the entire tweeter pod into the hole.

From the rear of the tweeter. Slide the grooved locking device over the tweeter cable and then over the back of the tweeter case to firmly hold it in place.

The Tweeter direction should then be adjusted so that the tweeter is focused towards the listener.

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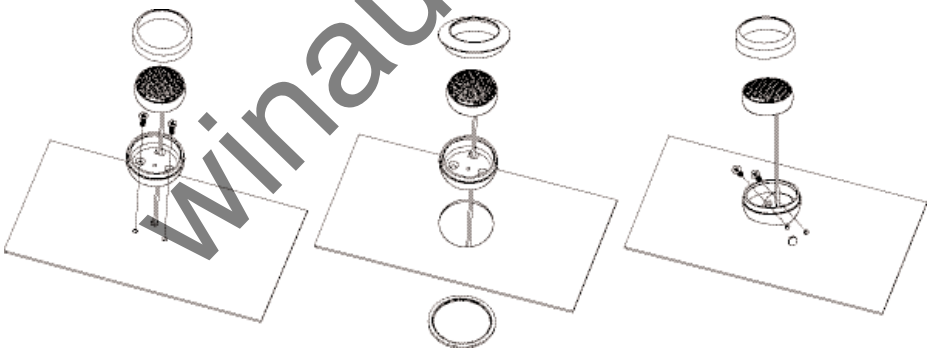

Crossover installation BlackAir 5 & 6
The crossover units are designed to be mounted as close to the woofers as possible.

Locate a suitable mounting place for them.

Remove the lid by using the finger hole in the top of the cover.

Mark the two mounting holes inside the crossover unit.

Cut these holes out.

Secure the crossovers with the screw provided.

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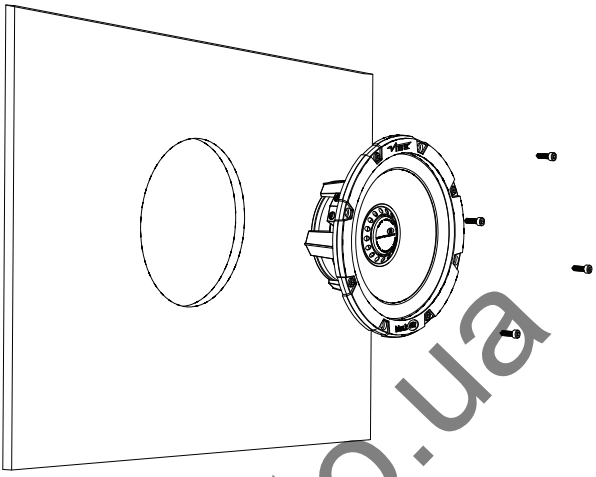
Woofer installation. - BlackAir 5 & 6

1. If necessary cut any material away to allow the speaker to sit correctly.
2. Cut out the mounting hole and pre-drill any other fixing holes.
3. If the grill is to be fitted, place it over the speaker and screw through both grill and speaker using the screw provided until the speaker is securely fastened.
4. If no grill is fitted then securely screw the speaker into place using the screws provided.



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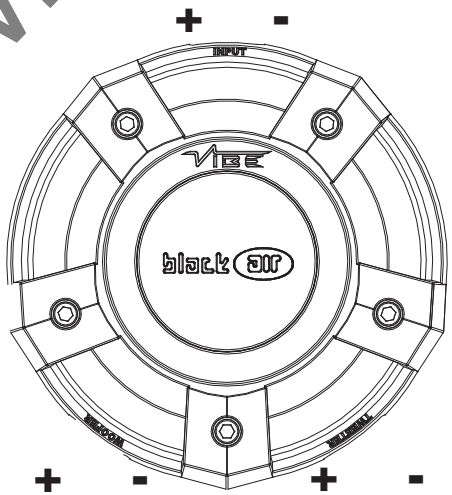
Crossover installation BlackAir 5 & 6

The crossover units are designed to be mounted as close to the woofers as possible.

1. Locate a suitable mounting place for them.
2. Remove the lid by twisting anti clockwise 1/4 turn
3. Mark the two mounting holes inside the crossover unit.
4. Drill these holes out.
5. Secure the crossovers with the screw provided.



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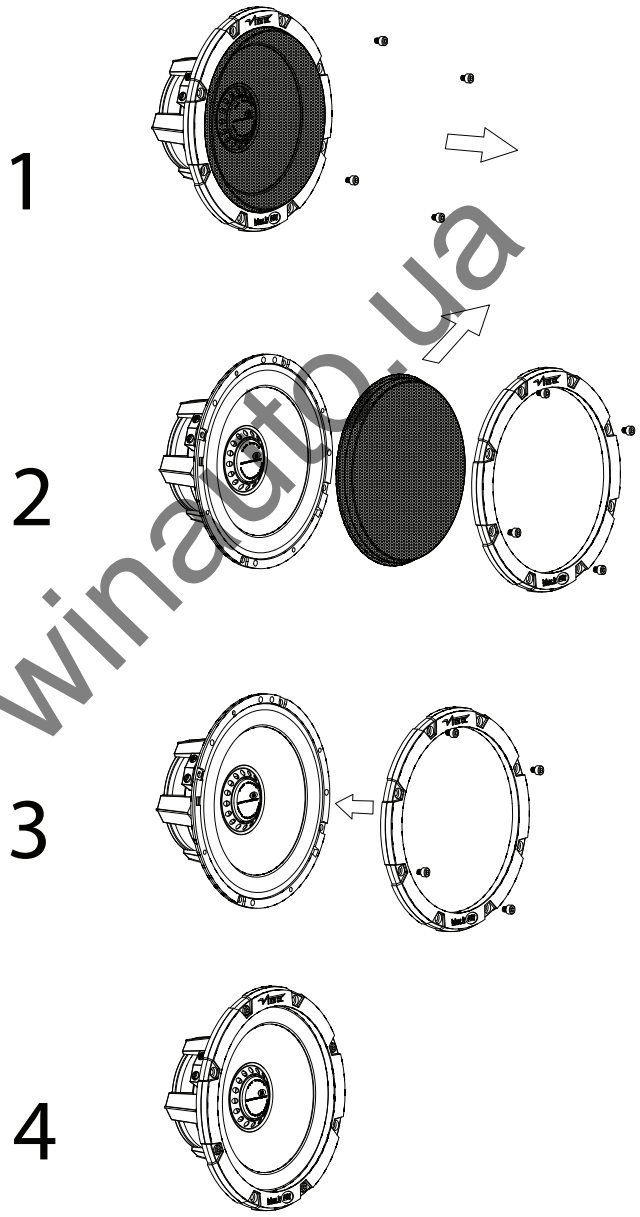
Grill and gasket fitment and removal

The VIBE Blackair speakers feature a removable mesh grill, to remove and refit the grill please follow the procedure below.

1. Remove the 4 retaining bolts that secure the alloy gasket to the chassis
2. Lift off the alloy gasket from the chassis and remove the steel mesh grill
3. Refit the alloy gasket and secure to the chassis with the 4 retaining bolts
4. Gasket fitment is now complete

To refit the grill simply follow this procedure inserting the grill at step 2.



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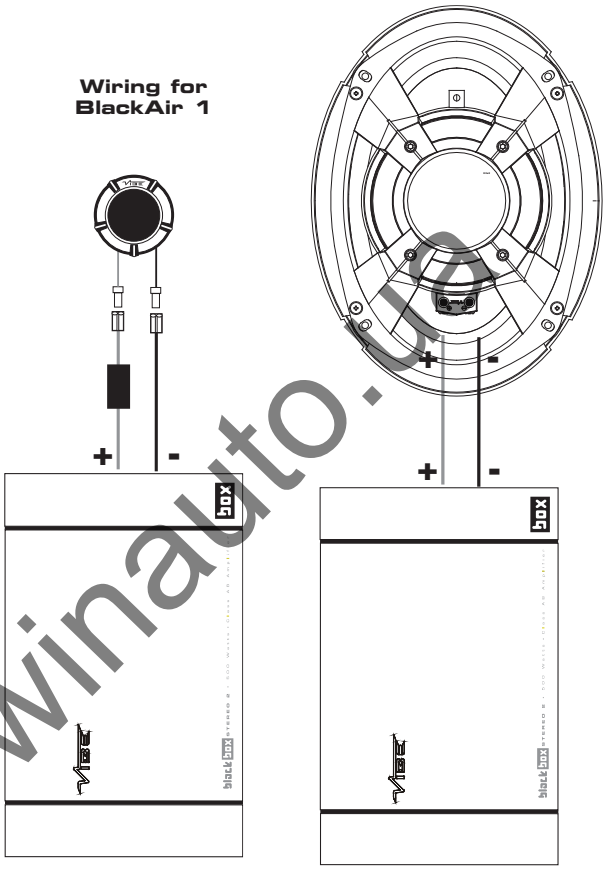
Wiring for
BlackAir 69

Wiring for
BlackAir 1



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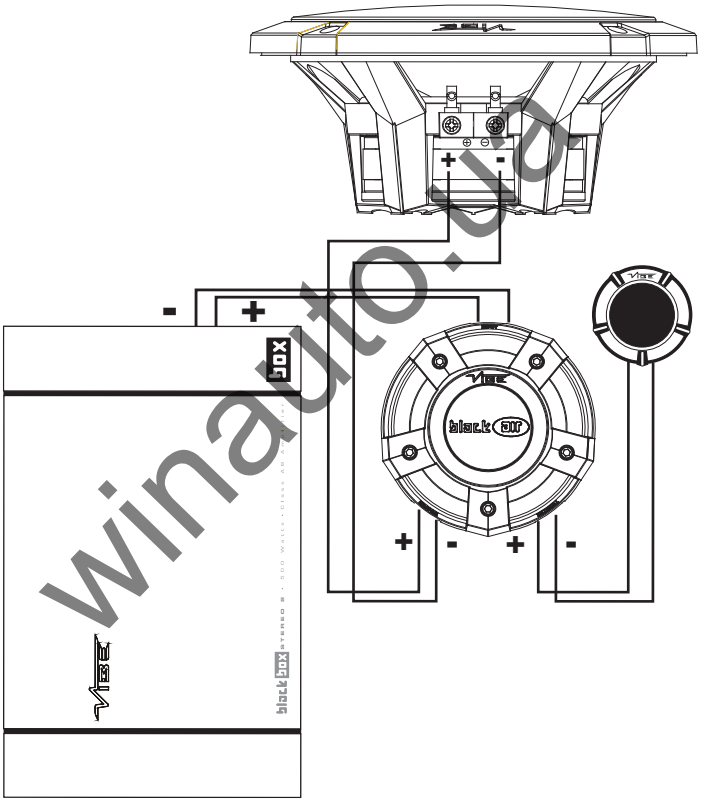
Component wiring for BlackAir 50 & 60



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In order to protect your purchase and aid your warrantee please fill in the following form and keep it safe for your future reference:

Model Number:	
Serial Number:	
Purchased From:	
Date of Purchase:	

KEEP IT SAFE
Staple your receipt here:

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Limited Warranty

All VIBE products carry a full twelve months warranty, valid from the date of the original receipt / proof of purchase. In order to validate this warranty, the warranty card should be returned to VIBE within seven days of the original purchase date. The original receipt and packaging should also be retained for this twelve month period.

If at any stage during the warranty period you have a problem with the product then it should be returned to the point of purchase, with proof of purchase in its original packaging, complete with no items missing.

If the store is unable to fix the product it may have to be returned to VIBE this process takes around 7 working days.
A full description of VIBE's warranty information can be found on our website:

www.vibeaudio.co.uk/warranty

A written version can also be obtained from:
VIBE warranty Dept
PO BOX 11000
B75 7WG

Technical enquires
call 09067031420

call cost 50p per minute
call costs correct at date of publication (01/05/09)
Hours of business 9.00am - 5.30pm
all calls are recorded for training purposes
MIDBASS Distribution
PO Box 11000
B75 7WG

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FLATBASS™ 13 SPK Bass speaker cable
There are many powerful bass amplifiers on today's market – the ever increasing power is putting huge strains on speaker wire – VIBE present a new breed of speaker cable specially developed for BASS applications – the VIBE FLATBASS speaker cable offers SolidCores™ that can handle and sustain considerably more power than conventional speaker cable.
Model: FlatBass 13 SPK – 13 gauge SolidCore™ flat BASS speaker cable

VIBE 140 amp circuit breaker
Big systems require big protection – The VIBE circuit breaker is rated at a massive 140 amps and offers critical protection to your system – if the system ever powers or short circuits the breaker will cut in and save your equipment. No need to replace expensive fuses, system is reset via a simple switch – also offers safe and instant system shutdown.
Model: CB140 – 140 amp circuit breaker

FLAT Y 2M / FLAT Y 2F RCA Y leads
Our professional quality full range OFC Y-interconnect guarantees a pure and strong signal. With a flat design and ferrite loaded gold plated plugs interference is greatly reduced. The FLAT-Y Interconnect is available in 1 male – 2 female FLAT Y 2F and 2 male – 1 female FLAT Y 2M configurations.
Model: FLAT Y 2f – 1 pair RCA Y lead 1male to 2 female
Model: FLAT Y 2m – 1 pair RCA Y lead 2male to 1female

VIBE BC10 level controller
The VIBE BC10 gain level controller is a perfect addition to any subwoofer system, the BC10 allows the level of the amplifier to be controlled from the driver's seat giving the user easy adjustment of gain level. Particularly useful for adjusting the gain level for amplifiers controlling subwoofers. The BC10 controller is RCA input and output making it compatible with any system allowing gain level adjustment of any amplifier it is connected to. It can also be used with full range amplifiers.
Model: BC10 – RCA Gain level control

Slick level remote
A new addition to the Slick range of amplifiers is the Slick level control which allows level adjustment of the amplifier from the front of the car - Simply plug the supplied cable into the Slick remote level port on the end panel of the amplifier and remote gain control is yours, it is that easy.
Model: SLR1 – optional remote for use with all Slick amplifiers

VIBE PortPlug™
The VIBE PortPlug allows easy tuning of the VIBE OBR bass enclosures. The PortPlug™ is used to tightly seal the VIBE TurboPort™ in the enclosure to either create a sealed enclosure for better transient response or in the case of a multi ported enclosure tune the enclosure using only 1 PortPlug™
Model: PP25 – PortPlug™ for 2.5" TurboPort™
Model: PP30 - PortPlug™ for 3" TurboPort™

VIBE official Merchandise
MPS – VIBE polo shirt with embroidered VIBE logo on front and rear
MTS – VIBE t-shirt with small VIBE printed logo on front.
MCD – VIBE sampler containing exclusive VIBE bass tracks as featured on the Bass Tunnel and VIBE Dredd.
MCC – VIBE CD case, metallic silver CD case with VIBE logo.
VFL – VIBE fleece with embroidered logo on the front and large on back.
VTD – VIBE tax disc holder, stylish silver tax disc holder featuring VIBE logo.

VIBE SD4/5 subwoofer defender grill
The new VIBE subwoofer defender not only provides protection for your sub but also adds style with its metallic badge and powder coated steel construction allow it to integrate perfectly with the VIBE EVO enclosures
Model: SD4 – sub grill fits both 10" and 12" subwoofers
Model: SD5 – sub grill fits 15" subwoofers

VIBE GB41 banana plug
The VIBE GB41 banana plugs are the easy and convenient way to quickly remove your bass enclosure without having to constantly re-thread your speaker cable into the box terminal, simply attach the speaker cable to the VIBE GB41 banana plug and you have a reliable quick release solution. Designed for optimum use with the TP-2 and GP-4 terminal, our professional gold plated 4mm banana plugs are polarity marked and feature rubber shrouds.
Model: GB41 – Gold Banana plug

VIBE DB6 non fused distribution block
The VIBE DB6 non fused distribution block is a professional non fused distribution block which gives easy connection for up to 5 amplifiers. The VIBE DB6 has 2 x 4AWG input and 4 x 8AWG outputs which can be used for power distribution or ground distribution giving a common grounding point for all system components eliminating the risk of ground loop interference.
Model: DB6 non fused distribution block

VIBE FD4 fused distribution block
The VIBE FD4 fused distribution block is a professional AGU fused distribution block which gives easy connection for up to 4 amplifiers. The VIBE FD4 has 1 x 4AWG input and 4 x 8AWG outputs each individually fused up to a maximum of 80 amps (AGU fuses available separately)
Model: FD4 – 4 way AGU fused distribution block, 1 x 4 gauge input 4 x 8 gauge outputs

VIBE CT0 / CT4 compression fit ring terminal
The VIBE CT range of gold plated ring terminals are professional compression fit designed for maximum conductivity when connecting power cable to the vehicle battery. The VIBE RT compression fit terminals are the best way to connect heavy gauge power cable to the vehicles battery.
Model: CT0 – 0 gauge compression fit ring terminal
Model: CT4 – 4 gauge compression fit ring terminal

VIBE RT4 / RT8 crimp on ring terminal
The professional range of VIBE RT gold plated ring terminals for connecting power cable to the vehicle battery. Packed in pairs and include red and black rubber over boots with are easy crimp design.
Model: RT8 – 1 pair of 8 gauge crimp on ring terminals with PVC overboots
Model: RT4 – 1 pair of 4 gauge crimp on ring terminals with PVC overboots

VIBE AGU30, AGU60, AGU80 fuses
The VIBE AGU fuse series are the perfect companion to the VIBE FD4 fused distribution block and the Active and stereo system wiring kits.
Model: AGU30 – 1 pair 30 amp AGU fuses to fit all AGU fuse holders
Model: AGU60 – 1 pair 60 amp AGU fuses to fit all AGU fuse holders
Model: AGU80 – 1 pair 80 AGU fuses to fit all AGU fuse holders

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All Accessories are available direct, for next day delivery call 0870 765 8423 or vist www.vibeauduo.co.uk/shop (UK ONLY)

For more product info see www.vibeaudio.co.uk

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The CriticalLink™ range of FLAT series cabling from VIBE

The VIBE CriticalLink range of cabling has been developed to achieve the critical link between source (headunit), amplifier and speakers – VIBE audio equipment is high quality, using anything less than the VIBE CriticalLink™ range of cables will severely compromise your equipment and will not allow it to perform to its maximum potential.
NOTE: Your audio equipment will only ever be as good as the cables you use to connect it. The link between your audio equipment is critical for a bigger cleaner sound.
VIBE cabling and interconnects can enhance your system power and sound quality by more than 20% over other brand cable.

All Accessories are available direct, for next day delivery call 0870 765 8423 or vist www.vibeauduo.co.uk/shop (UK ONLY)

For more product info see www.vibeaudio.co.uk

BASS SYSTEM KIT

The VIBE 3000watt BASS KIT is specifically designed to gain maximum output from high power Bass systems. Featuring the best BASS specific cables from the VIBE CriticalLink™ Range.
Contents of this Kit:
FLATLINES™ 4AWG PWR Power and Ground cable
FLATBASS™ RCA SolidCore™ Interconnect
FLATBASS™ 13 SPK Bass speaker cable
FLATLINES ™ remote 18
VIBE 140 amp circuit breaker
All cable is terminated with crimped terminal rings in place and accessory fitting kit
COMPATIBILITY
This kit is compatible with the majority of amplifiers on the market – VIBE recommends this kit for all VIBE BASS monoblock amplifiers new, current and old models.
Model: Bass Kit – Bass specific amplifier wiring kit

STEREO SYSTEM KIT

The VIBE 1500 watt STEREO KIT is specifically designed to gain maximum output from high power full range systems. Combining the best full range cables from the VIBE CriticalLink ™ range.
Contents of this Kit:
FLATLINES™ 8AWG PWR Power and Ground cable
VIBE FLATSTEREO™ RCA - OFC high definition full range interconnect
FLATLINES ™ remote 18
FLATSTEREO™ speaker cable
AGU Fuse Holder
All cable is terminated with crimped terminal rings in place and accessory fitting kit
COMPATIBILITY
This kit is compatible with the majority of amplifiers on the market – VIBE recommends this kit for all VIBE full range STEREO amplifiers new, current and old models. FLATLINES™ 8 PWR Power
Model: Stereo Kit – full range stereo amplifier wiring kit

ACTIVE SYSTEM KIT

The VIBE 1500watt ACTIVE BASS KIT is specifically designed to gain maximum output from high power Active Bass systems (Bass Boxes). Featuring BASS specific components from the VIBE CriticalLink™ range.
Contents of this Kit:
FLATLINES™ 8AWG PWR Power and Ground cable
FLATBASS™ RCA SolidCore™ Interconnect
FLATLINES ™ remote 18
AGU Fuse Holder
FastPlug™
COMPATIBILITY
This kit is compatible with the majority of amplifiers on the market – VIBE recommends this kit for all VIBE active bass enclosures new, current and old models.
Model: Active Kit – Bass specific active enclosure wiring kit

The VIBE 1.5 farad power capacitor is a must for any high performance audio system. VIBE's 1.5 farad power capacitor bridges the gap between the vehicles battery and the amplifiers ensuring rapid smooth current flow resulting in louder better bass and clean crisp midrange and treble. The built in digital voltage display constantly and accurately displays the system's DC voltage. An all new VIBE power distribution block is built into the top of the capacitor to allow easy wiring into system and also will allow 3 amplifiers to be wired directly to the capacitor for maximum current flow to the amplifiers.
Model: PC15

The Deltabox line driver is the ideal solution for those looking to install multiple amplifiers from a single RCA preout. Most people use RCA "Y" splitters for this task unaware of the signal degradation caused. The Deltabox not only divides the signal but also isolates and boosts the signal up to a maximum of 9 volts independently for each of the 3 output channels giving much cleaner sound and excellent signal to noise ratio. For SPL competition the Deltabox is an essential tool as each of the outputs can be split 4 times giving control of 12 amplifiers from a single gain enabling precise adjustment of the system without having to reset every amplifier individually. Additionally if your headunit has a weak preout or you wish to run multiple amps but only have one output the Deltabox™ is your ideal solution. Model: DELTABOX

The VIBE FastPlug™ (pat. pending), is a product long overdue. Designed and developed by VIBE Engineers the plug offers safe, fast removal of your active bass enclosure (bass box) or amplifier. You may wish to remove your system for security reasons, or for the full use of your boot space, whatever the reason the VIBE FastPlug makes it easy and safe.
The plug is a heavy duty connector that connects positive, negative and remote wires. It is made up of 2 parts – one end to connect to your equipment and the other to your power source – made from high quality ABS plastic the device is tough and hard wearing. Model: FASTPLUG

FLATLINES™ Power and Ground Cable
VIBE FlatLines™ power cable has been developed to maximises voltage transfer from battery to amplifier - The cable has 2 main lines running side by side which are made up of fine copper strands - This design makes the cable flat allowing us to make very slim heavy duty power cable which is highly flexible easing installation.
Available in: system kits, by the roll or by the metre
Model: FLATLINES 8 PWR – 8gauge red power cable Model: FLATLINES 8 GND – 8gauge black power cable
Model: FLATLINES 4 PWR – 4gauge red power cable Model: FLATLINES 4 PWR – 4gauge red power cable
Model: FLATLINES 0 PWR – 0gauge red power cable Model: FLATLINES 0 GND – 0gauge black power cable

FLATSTEREO™ High Definition full range Interconnect
The VIBE FLATSTEREO RCA is an OFC high definition full range interconnect – delivering the fullest signal possible from source to amplifier - the cable make up has been developed to run flat with left and right cables running parallel both with individual screening but sharing an outer FLAT jacket easing installations.
Available in:
Model: FlatStereo RCA 1m – 1 metre full range interconnect
Model: FlatStereo RCA 5m - 5 metre full range interconnect

FLATBASS™ – SolidCore™ Bass interconnect
The VIBE FLATBASS™ interconnect has been specifically developed for use in BASS SYSTEMS - the cable make up has a unique super FLAT™ design easing installation - Its trick ingredient is oversized SolidCore™ OFC signal wires - allowing a heavier voltage to be passed down the cable. This is the central wire that caries the main signal from source to amplifier.
Available in:
Model: FlatBass RCA 1m – 1 metre BASS interconnect
Model: FlatBass RCA 5m - 5 metre BASS interconnect

FLATFLEX™ High Definition speaker cable
The delivery of power and signal to the speaker is the final CriticalLink™ in any audio system – VIBES FlatFlex OFC high definition speaker cable is produced from super fine OFC copper strands collectively picking up all the detail in your music – the multi strands are aligned in a row making the cable super FLAT™ which can be run invisibly under carpets.
Available in:
Model: FlatFlex 16 SPK – 16 gauge High definition flat flexible speaker cable
Model: FlatFlex 12 SPK – 12 gauge High definition flat flexible speaker cable

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